

Second Amendment After Final Rejection

Further to the Amendment After Final Rejection filed on January 8, 2003, and in response to the final Office Action dated October 10, 2002, Applicants respectfully submit the following amendments and remarks.

IN THE CLAIMS:

Please cancel Claim 51 ~~without~~ prejudice or disclaimer. Please amend Claims 27 and 39 as follows. A marked-up version of Claims 27 and 39 is attached. All of the claims currently under consideration in this application are included for the Examiner's convenience.

23. (Not Amended Herein) An ink-jet recorded image according to Claim 24, wherein a saturation in CIE-L*a*b* space at a solid printed area of the colored portion is at least 50.

24. (Not Amended Herein) An ink-jet recorded image comprising a colored portion formed on a recording medium, wherein the colored portion comprises aggregates of fine particles, each of the fine particles having a coloring material thereon by adsorption in a monomolecular state.

25. (Not Amended Herein) An ink-jet recorded image, formed with a coloring material and fine particles provided on a recording medium, wherein the recording medium is in direct contact with part of fine particles and aggregates thereof, and part of the coloring material is adsorbed in a monomolecular state onto a surface of the fine particles and aggregates thereof.

26. (Not Amended Herein) An ink-jet recorded image formed on a recording medium with a coloring material and fine particles reactive with the coloring material provided on a recording medium, wherein the image has a portion comprising aggregates of the fine particles, each of the fine particles having the coloring material thereon by adsorption in a monomolecular state, and the portion has a feathering portion formed with the coloring material in a peripheral part thereof.

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27. (Three Times Amended) An ink-jet recorded image according to claim 24, wherein a ratio of the coloring material to the fine particles is larger in a peripheral portion of the image than in the remaining portion of the image.

28. (Not Amended Herein) The ink-jet recorded image according to any one of Claims 23 to 27, wherein the coloring material is anionic or cationic, and the fine particles have a polarity opposite to the coloring material.

29. (Not Amended Herein) The ink-jet recorded image according to Claim 28, wherein the fine particles have such a surface potential that an absolute value of a zeta potential in an aqueous liquid composition in which the fine particles are dispersed is 5 to 90 mV.

30. (Not Amended Herein) The ink-jet recorded image according to any one of Claims 23 to 27, wherein the average particle diameter of the fine particles is within a range of from 0.005 to 1 μm .

31. (Not Amended Herein) The ink-jet recorded image according to any one of Claims 23 to 27, wherein the image is of plural colors.

32. (Not Amended Herein) The ink-jet recorded image according to Claim 31, wherein the plural colors are at least two

colors selected from the group consisting of yellow, magenta, cyan, red, green, blue and black.

33. (Not Amended Herein) A recorded article having an image comprising a colored portion on a recording medium, wherein the image comprises aggregates of fine particles, each of the fine particles having a coloring material thereon by adsorption in a monomolecular state and at least one of the aggregates of fine particles come into contact with the surface of a constituent of the recording medium through the coloring material.

34. (Not Amended Herein) A recorded article comprising aggregates of fine particles, each of the fine particles having a coloring material thereon by adsorption in a monomolecular state, said aggregates being present on the surface of a recording medium in the form of an aggregate mass containing voids.

35. (Not Amended Herein) A recorded article having an image comprising a colored portion on a recording medium, wherein the colored portion includes a first region containing aggregates of fine particles, each of the fine particles having a coloring material thereon by adsorption in a monomolecular state, and a

second region located outside the first region and containing the coloring material.

36. (Not Amended Herein) A recorded article comprising, on the surface of a recording medium, a recorded portion comprising aggregates of fine particles, each of the fine particles having a coloring material thereon by adsorption in a monomolecular state.

39. (Twice Amended) A surface-treated article wherein the surface of the article has fine particles, each of the fine particles having a functional substance thereon by adsorption in a monomolecular state.

50. (Not Amended Herein) A recorded article having a colored portion formed on a recording medium, the colored portion containing aggregates of fine particles, each of the fine particles having a coloring material thereon by adsorption in a monomolecular state, wherein at least one of the coloring material and the fine particles has penetrated into the inside of the recording medium.

51. (Cancelled)